

Title (en)

VISUAL POSITIONING SYSTEM, BATTERY REPLACING DEVICE, AND BATTERY REPLACEMENT CONTROL METHOD

Title (de)

VISUELLES POSITIONIERUNGSSYSTEM, BATTERIEWECHSELVORRICHTUNG UND BATTERIEWECHSELSTEUERUNGSVERFAHREN

Title (fr)

SYSTÈME DE POSITIONNEMENT VISUEL, DISPOSITIF DE REMPLACEMENT DE BATTERIE ET PROCÉDÉ DE COMMANDE DE REMPLACEMENT DE BATTERIE

Publication

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Application

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Abstract (en)

A visual positioning system, comprising a first visual sensor (501), a second visual sensor (502), and a position obtaining unit (503), wherein the first visual sensor (501) is used for obtaining a first image (G11) of a first position (A) of a target apparatus (7), a second visual sensor (502) is used for obtaining a second image of a second position (B) of the target apparatus (7), and the position obtaining unit (503) is used for obtaining position information of the target apparatus (7) according to the first image (G11) and the second image. Further disclosed are a battery replacing device and a battery replacement control method. Relatively high positioning accuracy is obtained in a visual manner, and accurate positioning between the battery replacing device and a vehicle for battery replacement is implemented.

IPC 8 full level

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